

Danny J Eckert

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155 papers	6,096 citations	43 h-index	75 g-index
182 ext. papers	7,764 ext. citations	5 avg, IF	6.32 L-index

#	Paper	IF	Citations
155	Defining phenotypic causes of obstructive sleep apnea. Identification of novel therapeutic targets. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 996-1004	10.2	577
154	Central sleep apnea: Pathophysiology and treatment. <i>Chest</i> , 2007 , 131, 595-607	5.3	347
153	Pathophysiology of adult obstructive sleep apnea. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 144-53		318
152	Eszopiclone increases the respiratory arousal threshold and lowers the apnoea/hypopnoea index in obstructive sleep apnoea patients with a low arousal threshold. <i>Clinical Science</i> , 2011 , 120, 505-14	6.5	215
151	Treating obstructive sleep apnea with hypoglossal nerve stimulation. <i>Sleep</i> , 2011 , 34, 1479-86	1.1	181
150	Phenotypic approaches to obstructive sleep apnoea - New pathways for targeted therapy. <i>Sleep Medicine Reviews</i> , 2018 , 37, 45-59	10.2	179
149	Arousal from sleep: implications for obstructive sleep apnea pathogenesis and treatment. <i>Journal of Applied Physiology</i> , 2014 , 116, 302-13	3.7	168
148	Acetazolamide improves loop gain but not the other physiological traits causing obstructive sleep apnoea. <i>Journal of Physiology</i> , 2012 , 590, 1199-211	3.9	158
147	Obstructive sleep apnea: current perspectives. <i>Nature and Science of Sleep</i> , 2018 , 10, 21-34	3.6	155
146	Clinical predictors of the respiratory arousal threshold in patients with obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1293-300	10.2	150
145	A method for measuring and modeling the physiological traits causing obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2011 , 110, 1627-37	3.7	142
144	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	137
143	Airway dilator muscle activity and lung volume during stable breathing in obstructive sleep apnea. <i>Sleep</i> , 2009 , 32, 361-8	1.1	125
142	Quantifying the ventilatory control contribution to sleep apnoea using polysomnography. <i>European Respiratory Journal</i> , 2015 , 45, 408-18	13.6	123
141	Mechanisms of apnea. <i>Progress in Cardiovascular Diseases</i> , 2009 , 51, 313-23	8.5	105
140	Personalized Management Approach for OSA. <i>Chest</i> , 2018 , 153, 744-755	5.3	101
139	The influence of obstructive sleep apnea and gender on genioglossus activity during rapid eye movement sleep. <i>Chest</i> , 2009 , 135, 957-964	5.3	93

138	Obstructive sleep apnea in older adults is a distinctly different physiological phenotype. <i>Sleep</i> , 2014 , 37, 1227-36	1.1	92
137	Trazodone increases the respiratory arousal threshold in patients with obstructive sleep apnea and a low arousal threshold. <i>Sleep</i> , 2014 , 37, 811-9	1.1	90
136	Upper Airway Collapsibility (Pcrit) and Pharyngeal Dilator Muscle Activity are Sleep Stage Dependent. <i>Sleep</i> , 2016 , 39, 511-21	1.1	86
135	An Integrative Model of Physiological Traits Can be Used to Predict Obstructive Sleep Apnea and Response to Non Positive Airway Pressure Therapy. <i>Sleep</i> , 2015 , 38, 961-70	1.1	85
134	Upper airway collapsibility is associated with obesity and hyoid position. <i>Sleep</i> , 2014 , 37, 1673-8	1.1	84
133	The Combination of Atomoxetine and Oxybutynin Greatly Reduces Obstructive Sleep Apnea Severity. A Randomized, Placebo-controlled, Double-Blind Crossover Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1267-1276	10.2	84
132	The influence of end-expiratory lung volume on measurements of pharyngeal collapsibility. <i>Journal of Applied Physiology</i> , 2010 , 108, 445-51	3.7	81
131	Enhanced upper-airway muscle responsiveness is a distinct feature of overweight/obese individuals without sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 930-7	10.2	73
130	Neurogenic changes in the upper airway of patients with obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 322-9	10.2	72
129	Genioglossus reflex inhibition to upper-airway negative-pressure stimuli during wakefulness and sleep in healthy males. <i>Journal of Physiology</i> , 2007 , 581, 1193-205	3.9	71
128	Sensorimotor function of the upper-airway muscles and respiratory sensory processing in untreated obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2011 , 111, 1644-53	3.7	69
127	Ventilatory response to brief arousal from non-rapid eye movement sleep is greater in men than in women. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 1512-9	10.2	68
126	Desipramine improves upper airway collapsibility and reduces OSA severity in patients with minimal muscle compensation. <i>European Respiratory Journal</i> , 2016 , 48, 1340-1350	13.6	61
125	The Combination of Supplemental Oxygen and a Hypnotic Markedly Improves Obstructive Sleep Apnea in Patients with a Mild to Moderate Upper Airway Collapsibility. <i>Sleep</i> , 2016 , 39, 1973-1983	1.1	61
124	Zopiclone Increases the Arousal Threshold without Impairing Genioglossus Activity in Obstructive Sleep Apnea. <i>Sleep</i> , 2016 , 39, 757-66	1.1	59
123	Obstructive Sleep Apnea without Obesity Is Common and Difficult to Treat: Evidence for a Distinct Pathophysiological Phenotype. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 81-88	3.1	59
122	Termination of respiratory events with and without cortical arousal in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 1183-91	10.2	58
121	Desipramine Increases Genioglossus Activity and Reduces Upper Airway Collapsibility during Non-REM Sleep in Healthy Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 878-885	10.2	53

120	Arousal Intensity is a Distinct Pathophysiological Trait in Obstructive Sleep Apnea. <i>Sleep</i> , 2016 , 39, 2091-2100	5.2	52
119	Functional role of neural injury in obstructive sleep apnea. <i>Frontiers in Neurology</i> , 2012 , 3, 95	4.1	51
118	Critical closing pressure during midazolam-induced sleep. <i>Journal of Applied Physiology</i> , 2011 , 111, 1315-32	3.7	48
117	Obstructive sleep apnoea pathogenesis from mild to severe: Is it all the same?. <i>Respirology</i> , 2017 , 22, 33-42	3.6	46
116	Hypoxia suppresses symptom perception in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 1224-30	10.2	46
115	Upper airway function in the pathogenesis of obstructive sleep apnea: a review of the current literature. <i>Current Opinion in Pulmonary Medicine</i> , 2008 , 14, 519-24	3	44
114	Hypoxia impairs the arousal response to external resistive loading and airway occlusion during sleep. <i>Sleep</i> , 2006 , 29, 624-31	1.1	44
113	Recruitment and rate-coding strategies of the human genioglossus muscle. <i>Journal of Applied Physiology</i> , 2010 , 109, 1939-49	3.7	43
112	Therapeutic CPAP Level Predicts Upper Airway Collapsibility in Patients With Obstructive Sleep Apnea. <i>Sleep</i> , 2017 , 40,	1.1	41
111	The effect of increased genioglossus activity and end-expiratory lung volume on pharyngeal collapse. <i>Journal of Applied Physiology</i> , 2010 , 109, 469-75	3.7	40
110	Effects of inhaled fluticasone on upper airway during sleep and wakefulness in asthma: a pilot study. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 183-93	3.1	35
109	Role of common hypnotics on the phenotypic causes of obstructive sleep apnoea: paradoxical effects of zolpidem. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	34
108	Mechanisms contributing to the response of upper-airway muscles to changes in airway pressure. <i>Journal of Applied Physiology</i> , 2015 , 118, 1221-8	3.7	30
107	Changes in respiration in NREM sleep in hypercapnic chronic obstructive pulmonary disease. <i>Journal of Physiology</i> , 2004 , 559, 663-73	3.9	30
106	Polysomnographic Endotyping to Select Patients with Obstructive Sleep Apnea for Oral Appliances. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1422-1431	4.7	28
105	Sustained hypoxia depresses sensory processing of respiratory resistive loads. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1047-54	10.2	28
104	Upper airway collapsibility and patterns of flow limitation at constant end-expiratory lung volume. <i>Journal of Applied Physiology</i> , 2012 , 113, 691-9	3.7	26
103	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. <i>Sleep</i> , 2019 , 42,	1.1	24

102	Cardiac changes during arousals from non-REM sleep in healthy volunteers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R1320-7	3.2	24
101	Effects of pentobarbital on upper airway patency during sleep. <i>European Respiratory Journal</i> , 2010 , 36, 569-76	13.6	23
100	The classical Starling resistor model often does not predict inspiratory airflow patterns in the human upper airway. <i>Journal of Applied Physiology</i> , 2014 , 116, 1105-12	3.7	22
99	Genioglossus reflex responses to negative upper airway pressure are altered in people with tetraplegia and obstructive sleep apnoea. <i>Journal of Physiology</i> , 2018 , 596, 2853-2864	3.9	21
98	Sitting and supine esophageal pressures in overweight and obese subjects. <i>Obesity</i> , 2012 , 20, 2354-60	8	21
97	Discharge patterns of human tensor palatini motor units during sleep onset. <i>Sleep</i> , 2012 , 35, 699-707	1.1	21
96	Acute sustained hypoxia suppresses the cough reflex in healthy subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 506-11	10.2	20
95	Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2020 , 49, 101229	10.2	20
94	Upper Airway Myopathy is Not Important in the Pathophysiology of Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 03, 570-573	3.1	18
93	The effect of acute morphine on obstructive sleep apnoea: a randomised double-blind placebo-controlled crossover trial. <i>Thorax</i> , 2019 , 74, 177-184	7.3	18
92	Nasal Resistance Is Elevated in People with Tetraplegia and Is Reduced by Topical Sympathomimetic Administration. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 1487-1492	3.1	16
91	Sleep-Disordered Breathing in People with Multiple Sclerosis: Prevalence, Pathophysiological Mechanisms, and Disease Consequences. <i>Frontiers in Neurology</i> , 2017 , 8, 740	4.1	16
90	Effect of 1 month of zopiclone on obstructive sleep apnoea severity and symptoms: a randomised controlled trial. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	16
89	Influence of pharyngeal muscle activity on inspiratory negative effort dependence in the human upper airway. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 201, 55-9	2.8	16
88	A pragmatic, phase III, multisite, double-blind, placebo-controlled, parallel-arm, dose increment randomised trial of regular, low-dose extended-release morphine for chronic breathlessness: Breathlessness, Exertion And Morphine Sulfate (BEAMS) study protocol. <i>BMJ Open</i> , 2017 , 7, e018100	3	16
87	Cognitive behavioural therapy for insomnia reduces sleep apnoea severity: a randomised controlled trial. <i>ERJ Open Research</i> , 2020 , 6,	3.5	16
86	Mild Airflow Limitation during N2 Sleep Increases K-complex Frequency and Slows Electroencephalographic Activity. <i>Sleep</i> , 2016 , 39, 541-50	1.1	16
85	Arousal from sleep does not lead to reduced dilator muscle activity or elevated upper airway resistance on return to sleep in healthy individuals. <i>Sleep</i> , 2015 , 38, 53-9	1.1	15

84	A secondary reflex suppression phase is present in genioglossus but not tensor palatini in response to negative upper airway pressure. <i>Journal of Applied Physiology</i> , 2010 , 108, 1619-24	3.7	15
83	A Novel Model to Estimate Key Obstructive Sleep Apnea Endotypes from Standard Polysomnography and Clinical Data and Their Contribution to Obstructive Sleep Apnea Severity. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 656-667	4.7	15
82	Effects of Tiagabine on Slow Wave Sleep and Arousal Threshold in Patients With Obstructive Sleep Apnea. <i>Sleep</i> , 2017 , 40,	1.1	14
81	Zolpidem increases sleep efficiency and the respiratory arousal threshold without changing sleep apnoea severity and pharyngeal muscle activity. <i>Journal of Physiology</i> , 2020 , 598, 4681-4692	3.9	14
80	Upper airway collapsibility measured using a simple wakefulness test closely relates to the pharyngeal critical closing pressure during sleep in obstructive sleep apnea. <i>Sleep</i> , 2019 , 42,	1.1	13
79	Effects of hypoxia on genioglossus and scalene reflex responses to brief pulses of negative upper-airway pressure during wakefulness and sleep in healthy men. <i>Journal of Applied Physiology</i> , 2008 , 104, 1426-35	3.7	13
78	An automated and reliable method for breath detection during variable mask pressures in awake and sleeping humans. <i>PLoS ONE</i> , 2017 , 12, e0179030	3.7	12
77	Pathophysiology & genetics of obstructive sleep apnoea. <i>Indian Journal of Medical Research</i> , 2010 , 131, 176-87	2.9	12
76	Reboxetine and hyoscine butylbromide improve upper airway function during nonrapid eye movement and suppress rapid eye movement sleep in healthy individuals. <i>Sleep</i> , 2019 , 42,	1.1	12
75	Combination therapy with mandibular advancement and expiratory positive airway pressure valves reduces obstructive sleep apnea severity. <i>Sleep</i> , 2019 , 42,	1.1	11
74	Inspiratory pre-motor potentials during quiet breathing in ageing and chronic obstructive pulmonary disease. <i>Journal of Physiology</i> , 2018 , 596, 6173-6189	3.9	11
73	Extended-Release Morphine for Chronic Breathlessness in Pulmonary Arterial Hypertension-A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. <i>Journal of Pain and Symptom Management</i> , 2018 , 56, 483-492	4.8	11
72	High nasal resistance is stable over time but poorly perceived in people with tetraplegia and obstructive sleep apnoea. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 235, 27-33	2.8	11
71	Stable breathing through deeper sleeping. <i>Thorax</i> , 2010 , 65, 95-6	7.3	11
70	The noradrenergic agent reboxetine plus the antimuscarinic hyoscine butylbromide reduces sleep apnoea severity: a double-blind, placebo-controlled, randomised crossover trial. <i>Journal of Physiology</i> , 2021 , 599, 4183-4195	3.9	11
69	Central sleep apnea in multiple sclerosis: a pilot study. <i>Sleep and Breathing</i> , 2017 , 21, 691-696	3.1	10
68	Phenotypic approaches to positional therapy for obstructive sleep apnoea. <i>Sleep Medicine Reviews</i> , 2018 , 37, 175-176	10.2	10
67	Drug effects on ventilatory control and upper airway physiology related to sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 188, 257-66	2.8	10

66	Upper airway myopathy is not important in the pathophysiology of obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 3, 570-3	3.1	10
65	Regional respiratory movement of the tongue is coordinated during wakefulness and is larger in severe obstructive sleep apnoea. <i>Journal of Physiology</i> , 2020 , 598, 581-597	3.9	10
64	Randomized Trial on the Effects of High-Dose Zopiclone on OSA Severity, Upper Airway Physiology, and Alertness. <i>Chest</i> , 2020 , 158, 374-385	5.3	9
63	The effects of hypoxia on load compensation during sustained incremental resistive loading in patients with obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2007 , 103, 234-9	3.7	9
62	Research Priorities for Patients with Heart Failure and Central Sleep Apnea. An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, e11-e24	10.2	9
61	Effect of 4-Aminopyridine on Genioglossus Muscle Activity during Sleep in Healthy Adults. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1177-1183	4.7	8
60	Morphine alters respiratory control but not other key obstructive sleep apnoea phenotypes: a randomised trial. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	8
59	An assessment of a simple clinical technique to estimate pharyngeal collapsibility in people with obstructive sleep apnea. <i>Sleep</i> , 2020 , 43,	1.1	8
58	Different antimuscarinics when combined with atomoxetine have differential effects on obstructive sleep apnea severity. <i>Journal of Applied Physiology</i> , 2021 , 130, 1373-1382	3.7	8
57	Dose-dependent effects of mandibular advancement on optimal positive airway pressure requirements in obstructive sleep apnoea. <i>Sleep and Breathing</i> , 2020 , 24, 961-969	3.1	8
56	Effects of morphine on respiratory load detection, load magnitude perception, and tactile sensation in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2018 , 125, 393-400	3.7	8
55	New insights into the timing and potential mechanisms of respiratory-induced cortical arousals in obstructive sleep apnea. <i>Sleep</i> , 2018 , 41,	1.1	8
54	The effects of zolpidem in obstructive sleep apnea - An open-label pilot study. <i>Journal of Sleep Research</i> , 2019 , 28, e12853	5.8	7
53	Qualitative Phenotyping of Obstructive Sleep Apnea and Its Clinical Usefulness for the Sleep Specialist. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
52	Alcohol alters sensory processing to respiratory stimuli in healthy men and women during wakefulness. <i>Sleep</i> , 2010 , 33, 1389-95	1.1	7
51	Impaired central control of sleep depth propensity as a common mechanism for excessive overnight wake time: implications for sleep apnea, insomnia and beyond. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 341-343	3.1	7
50	Phenotypic approach to pharmacotherapy in the management of obstructive sleep apnoea. <i>Current Opinion in Pulmonary Medicine</i> , 2019 , 25, 594-601	3	7
49	Bi-directional relationships between co-morbid insomnia and sleep apnea (COMISA). <i>Sleep Medicine Reviews</i> , 2021 , 60, 101519	10.2	7

48	Effects of low-dose morphine on perceived sleep quality in patients with refractory breathlessness: A hypothesis generating study. <i>Respirology</i> , 2016 , 21, 386-91	3.6	6
47	Reply: Arousal threshold in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 373-4	10.2	5
46	Hypoglossal nerve stimulation therapy does not alter tongue protrusion strength and fatigability in obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 285-292	3.1	5
45	Efficacy of a novel oral appliance and the role of posture on nasal resistance in obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 483-492	3.1	5
44	Concomitant benzodiazepine and opioids decrease sleep apnoea risk in chronic pain patients. <i>ERJ Open Research</i> , 2020 , 6,	3.5	5
43	CPAP combined with oral appliance therapy reduces CPAP requirements and pharyngeal pressure swings in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2020 , 129, 1085-1091	3.7	5
42	Respiratory-related displacement of the trachea in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2019 , 127, 1307-1316	3.7	4
41	Patient experiences of sleep in dialysis: systematic review of qualitative studies. <i>Sleep Medicine</i> , 2021 , 80, 66-76	4.6	4
40	Effects of hypnotics on obstructive sleep apnea endotypes and severity: Novel insights into pathophysiology and treatment. <i>Sleep Medicine Reviews</i> , 2021 , 58, 101492	10.2	4
39	Reply: Is the Muscle the Only Potential Target of Desipramine in Obstructive Sleep Apnea Syndrome?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1678-1679	10.2	3
38	Respiratory Physiology 2017 , 167-173.e4		3
37	Breath-to-breath reflex modulation of genioglossus muscle activity in obstructive sleep apnea. <i>Sleep Medicine</i> , 2016 , 21, 45-6	4.6	3
36	New and Emerging Approaches to Better Define Sleep Disruption and Its Consequences. <i>Frontiers in Neuroscience</i> , 2021 , 15, 751730	5.1	3
35	Treatment for obstructive sleep apnoea and cardiovascular diseases: are we aiming at the wrong target?. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 323-325	35.1	3
34	Changes in pharyngeal collapsibility and genioglossus reflex responses to negative pressure during the respiratory cycle in obstructive sleep apnoea. <i>Journal of Physiology</i> , 2020 , 598, 567-580	3.9	3
33	Vulnerability to Postoperative Complications in Obstructive Sleep Apnea: Importance of Phenotypes. <i>Anesthesia and Analgesia</i> , 2021 , 132, 1328-1337	3.9	3
32	A randomised controlled trial of nasal decongestant to treat obstructive sleep apnoea in people with cervical spinal cord injury. <i>Spinal Cord</i> , 2019 , 57, 579-585	2.7	3
31	Isolating peripheral effects of endogenous opioids in modulating exertional breathlessness in people with moderate or severe COPD: a randomised controlled trial. <i>ERJ Open Research</i> , 2019 , 5,	3.5	3

30	Sleep Apnea Phenotyping: Implications for Dental Sleep Medicine. <i>Journal of Dental Sleep Medicine</i> , 2019 , 6,	1.1	2
29	Novel avenues to approach non-CPAP therapy and implement comprehensive OSA care. <i>European Respiratory Journal</i> , 2021 ,	13.6	2
28	Co-morbid insomnia and obstructive sleep apnoea is associated with all-cause mortality. <i>European Respiratory Journal</i> , 2021 ,	13.6	2
27	Ventilatory Drive Withdrawal Rather Than Reduced Genioglossus Compensation as a Mechanism of Obstructive Sleep Apnea in REM. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	2
26	Addition of zolpidem to combination therapy with atomoxetine-oxybutynin increases sleep efficiency and the respiratory arousal threshold in obstructive sleep apnoea: A randomized trial. <i>Respirology</i> , 2021 , 26, 878-886	3.6	2
25	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	2
24	Polysomnography with an epiglottic pressure catheter does not alter obstructive sleep apnea severity or sleep efficiency. <i>Journal of Sleep Research</i> , 2019 , 28, e12773	5.8	2
23	Mandibular advancement splint response is associated with the pterygomandibular raphe. <i>Sleep</i> , 2021 , 44,	1.1	2
22	Influence of mandibular advancement on tongue dilatory movement during wakefulness and how this is related to oral appliance therapy outcome for obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	2
21	Altered swallowing biomechanics in people with moderate-severe obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 1793-1803	3.1	2
20	The Effect of Hypopnea Scoring on the Arousal Threshold in Patients with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1308-1311	10.2	1
19	Central apnea and decreased drive to upper airway motoneurons during high flow nasal cannula therapy. <i>Sleep Medicine</i> , 2020 , 69, 98-99	4.6	1
18	Common drive in hypoglossal and trigeminal motor neurons. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1280	10.2	1
17	Impaired pharyngeal reflex responses to negative pressure: A novel cause of sleep apnea in multiple sclerosis.. <i>Journal of Applied Physiology</i> , 2022 ,	3.7	1
16	A Novel EEG Derived Measure of Disrupted Delta Wave Activity during Sleep Predicts All-Cause Mortality Risk. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	1
15	Nocturnal swallowing augments arousal intensity and arousal tachycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8624-8632	11.5	1
14	Altered K-complex morphology during sustained inspiratory airflow limitation is associated with next-day lapses in vigilance in obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	1
13	Chronic breathlessness and sleep problems: a population-based survey. <i>BMJ Open</i> , 2021 , 11, e046425	3	1

12	Knowledge, attitudes, and practice patterns of obstructive sleep apnea among speech-language pathologists. <i>Sleep and Breathing</i> , 2021 , 1	3.1	1
11	BAY 2253651 for the treatment of obstructive sleep apnoea: a multicentre, double-blind, randomised controlled trial (SANDMAN). <i>European Respiratory Journal</i> , 2021 , 58,	13.6	1
10	Tongue acceleration in humans evoked with intramuscular electrical stimulation of genioglossus. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 295, 103786	2.8	1
9	A novel EEG marker predicts perceived SLEEPINESS AND poor sleep quality.. <i>Sleep</i> , 2022 ,	1.1	1
8	A systematic review and meta-analysis of upper airway sensation in obstructive sleep apnea - Implications for pathogenesis, treatment and future research directions.. <i>Sleep Medicine Reviews</i> , 2022 , 62, 101589	10.2	0
7	Physiological responses and perceived comfort to high-flow nasal cannula therapy in awake adults: effects of flow magnitude and temperature. <i>Journal of Applied Physiology</i> , 2021 , 131, 1772-1782	3.7	0
6	The association of co-morbid insomnia and sleep apnea with prevalent cardiovascular disease and incident cardiovascular events.. <i>Journal of Sleep Research</i> , 2022 , e13563	5.8	0
5	0440 A Model to Evaluate the Contribution of Pathophysiological Phenotypes to OSA Severity and Develop Simplified Approaches to Estimate the Key Phenotypic Traits that Contribute to OSA. <i>Sleep</i> , 2019 , 42, A177-A178	1.1	
4	Pathophysiology of upper airway collapse 2014 , 22-33		
3	Pathogenesis of sleep apnea 2020 , 55-66		
2	437 Efficacy of a novel oral appliance and the influence of OSA pathophysiological traits on treatment response. <i>Sleep</i> , 2021 , 44, A173-A173	1.1	
1	Obstructive Sleep Apnea Phenotyping to Understand Pathophysiology and Improve Treatment and Outcomes 2022 , 22-33		